

Scientific Poster Programme

The posters will be displayed continuously throughout the conference. So the posters should be put up on Tuesday, 14 September 2010 at 9:00 a.m. at the latest and taken down at the end of the conference.

The poster authors are requested to be present at their poster(s) for discussion during the Poster Party on Tuesday, 14 September 2010 (17:30 – 19:30) and also during the coffee breaks.

Poster Award

The poster presentation of latest results is an important part of the scientific programme. This role will be emphasised in Moscow by an **EFC Poster Award** for young authors below 35 years which will be awarded during the closing session.

Corrosion and Scale Inhibition (WP 1)	
A 1	Comparison of chemical and plasma removal of oxide scale from duplex stainless steel C. Donik, I. Paulin, A. Kocijan, Institute of Metals and Technology, Ljubljana/SLO; M. Mozetic, Jozef Stefan Institute, Ljubljana/SLO; M. Jenko, Institute of Metals and Technology, Ljubljana/SLO
A 2	The partial contributions of the phase coating and inhibitor as the united system to its protective action estimate method L.E. Tsygankova, V.I. Vigdorovich, A.I. Fedotova, C.A. Zakurnaev, Tambov State Technical University/RUS
A 3	Zinc- and carbon-modified oil compositions for atmospheric steel corrosion protection V.I. Vigdorovich, A.O. Golovchenko, M.V. Vigdorovich, Tambov State Technical University/RUS
A 4	Concepts and practice of the hydrosulphuric and carbon dioxide corrosion universal inhibitors preparation V.I. Vigdorovich, L.E. Tsygankova, A.V. Rysanov, A.N. Mozharov, Tambov State Technical University/RUS
A 5	Drinking water containing Cu²⁺ ions is a boon in dentistry S. Rajendran, GTN Arts College, Dindigul/IND and Servite College of Education for Women, Thogaimalai, Tamilnadu/IND; B. Shyamaladevi, Vivekanandha Institute of Engineering and Technology for Women, Tamilnadu/IND
A 6	The effect of corrosion stimulation of inhibitors on trial in relation to Varandey field conditions L.S. Moiseeva, E.S. Uglova, United Research and Development Centre, Moscow/RUS
A 7	Corrosion of 304SS in H₂SO₄ containing molybdates and tungstates as inhibitors A. Alshamsi, United Arab Emirates University, Al-Ain/UAE
A 8	Investigation of POD – oil steel corrosion inhibitor as surfactant G.I. Ostapenko, Togliatti State University and Moscow State University of Food Production/RUS; P.A. Gloukhov, Togliatti State University/RUS; S.Ya. Sadivskiy, JSC KuibyshevAzot, Togliatti/RUS
A 9	Combating with corrosion and scaling – a complex problem in the fields of PB „Rosneft“ I. Khairullin, Gubkin State University of Oil and Gas, Moscow/RUS
A 10	Application of vapor corrosion inhibitors in hydro-testing A. Furman, A. Hansen, R. Kharshan, E. Austin, Cortec Corporation, White Bear Lake, MN/USA
A 11	Evaluation of inhibitor effectiveness on AA 2024 substrates by image assisted electrochemical techniques N.C. Rosero-Navarro, Ceramic and Glass Institute, Madrid/E; M. Curioni, R. Bingham, The University of Manchester/UK; A. Durán, M. Aparicio, Ceramic and Glass Institute, Madrid/E; R. Cottis, G.E. Thompson, The University of Manchester/UK
A 12	Reactivity and inhibition of cold rolled steel in 1M hydrochloric acid: an atomic emission spectroelectrochemical investigation P. Volovitch, École Nationale Supérieure de Chimie de Paris/F; I. Gazizullin, Lomonosov Moscow State University/RUS; K. Ogle, École Nationale Supérieure de Chimie de Paris/F
A 13	Corrosion inhibition of Ni, Fe and their alloys by chemisorbed CO G. Cabello, A. Cuesta, Consejo Superior de Investigaciones Científicas, Madrid/E
A 14	The inhibited turbine lubricating oils for defence of crude oil and gas equipment against hydrogen sulphide corrosion V. Spirkin, M. Silin, I. Tatur, B. Tonkonogov, Gubkin Russian State University of Oil and Gas, Moscow/RUS

A 15	Physical and chemical aspects of choice of initial products, reactions of synthesis and forecasting of volatile inhibitors of atmospheric corrosion efficiency (schiff and mannich bases being the example) A.I. Altsybeeveva, V.V. Burlov, T.M. Kuzinova, N.S. Fedorova, G.F. Palatik, Russian Scientific Research Institute of Petrochemical Processes, St. Petersburg/RUS
A 16	The corrosion behaviour of austenitic and duplex stainless steels in artificial saliva with the addition of fluoride A. Kocijan, Institute of Metals and Technology, Ljubljana/SLO; D. Kek Merl, Jozef Stefan Institute, Ljubljana/SLO; M. Jenko, Institute of Metals and Technology, Ljubljana/SLO
A 17	Protection of bronze by an environment friendly corrosion inhibitor K. Marusic, H. Otmacic-Curkovic, E. Stupnisek-Lisac, University of Zagreb/HR
A 18	Corrosion inhibitors for bronze protection in polluted atmosphere A. Keserovic, GlaxoSmithKline Research Center, Zagreb/HR; H. Otmacic Curkovic, E. Stupnisek-Lisac, K. Marusic, University of Zagreb/HR; A. Furman, M. Kharshan, Cortec Corporation, St. Paul, MN/USA
A 19	The inhibition effects of some Schiff bases as corrosion inhibitors of aluminium in HCl A. Aytaç, Gazi University, Ankara/TR; S. Bilgiç, N. Ancin, G. Öztas, Ankara University/TR
A 20	Corrosion performance of the N₂-H₂ radiofrequency cold plasma nitrated carbon steel: AC impedance and XPS studies M. Traisnel, F.Z. Bouanis, C. Jama, École Nationale Supérieure de Chimie de Lille, Villeneuve d'Ascq/F; F. Bentiss, Université Chouaib Doukkali, El Jadida/MA
A 21	Complex ions treatment of water supplies systems revealed cost efficient approach to rust removal E.O. Zabenkina, E.A. Baryshnikova, I.V. Artamonova, Moscow State Technical University/RUS; V.V. Batrakov, Moscow State Pedagogic University/RUS
A 22	Influence of alkamine cyclic and acyclic derivatives chemical structure on their corrosion inhibition properties E.N. Kovalyuk, Angarsk State Technical Academy/RUS; B.V. Kuharev, Irkutsk Favorsky Chemistry Institute/RUS; A.J. Negoda, M.A. Matvienko, Angarsk State Technical Academy/RUS
A 23	Corrosion performance of alloy 625 exposed in ZnCl₂-KCl mixtures at 250 and 350°C C. Cuevas Arteaga, A. Alfantazi, University of British Columbia, Vancouver, BC/CDN
A 24	Corrosion inhibitors containing imidazolin for the protection of gas and oilfield equipment V.I. Froloy, Gubkin Russian State University of Oil & Gas, Moscow/RUS; E.S. Ivanov, V.V. Egorov, Technochim, Kolomna/RUS
A 25 LMP	Mild steel corrosion in chloride environment: effect of surface preparation and influence of inorganic inhibitors E. Atmani, Université de Mons and Université Libre de Bruxelles/B; M. Poelman, D. Lahem, Materia Nova ASBL, Mons/B; C. Buess-Herman, Université Libre de Bruxelles/B; M. Olivier, Université de Mons/B
A 26 LMP	An investigation on corrosion behaviors of two types of commercial stainless steels after plastic deformation E. Jafari, Islamic Azad University, Shiraz/IR
A 27 LMP	Some theoretical calculations about the chelating ability of an imino compound toward some metal ions as anticorrosion materials I. Sheikh Shoaee, O. Farsi, B. Sheykhshoaiee, Shahid Bahonar University of Kerman/IR
A 28 LMP	Some quantum mechanical study on the molecular structural properties of a group of symmetric imino compounds with tetra donor set atoms as anti-corrosion compound I. Sheikh Shoaee, Shahid Bahonar University of Kerman/IR

Corrosion by Hot Gases and Combustion Products (WP 3)

B 1	Investigation of hot corrosion resistance of plasma sprayed YSZ-Ceria TBC in Na₂SO₄+V₂O₅ at 1050 °C M. Saremi, M.H. Habibi, University of Tehran/IR
B 2	Oxidation and hot corrosion properties of Al₂O₃ – YSZ Thermal barrier coating M. Saremi, A. Keyvani, A. Afrasiabi, M. Kazemi, University of Tehran/IR
B 3	Functional and structural particularities of diffusion barriers in high-temperature coatings for heat-resistant composite materials A.V. Kasatkin, S.G. Andriushin, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
B 4	Al-Si CVD-FBR protective coatings for steam corrosion applications M.S. Mato, P.A. Hernandez, M.P. Hierro, H. Santos, F. Perez Trujillo, Universidad Complutense de Madrid/E
B 5	Hot corrosion of new HIPIMS nanostructured coatings on gamma-TiAl I. Lasanta, M. Tejero, A. Rey, A. Fernandez, S. Mato, M.P. Hierro, J.M. Nieto, F.J. Perez Trujillo, Universidad Complutense de Madrid/E

B 6	Effectivity of new heat-proof silicide coatings protecting heat-proof carbon composite materials from high-temperature gas corrosion and erosion V.S. Terentieva, Moscow Aviation Institute (State Technical University), Moscow/RUS; A.V. Kasatkin, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS; A.I. Eremina, <u>A.N. Astapov</u> , Moscow Aviation Institute (State Technical University), Moscow/RUS
B 7	Protection of simple cast cobalt-based alloys by pack-cementation Cr-deposit and study of their behaviour in high temperature oxidation G. Michel, <u>P. Berthod</u> , M. Vilasi, P. Steinmetz, University Henri Poincaré Nancy 1, Vandoeuvre-les-Nancy/F
B 8	Behaviour in high temperature oxidation of chromium-rich cobalt alloys reinforced by different types of MC carbides <u>P. Berthod</u> , G. Michel, L. Aranda, University Henri Poincaré Nancy 1, Vandoeuvre-les-Nancy/F
B 9	High temperature oxidation and intermetallic phase formation of galvanized steel sheet during austenitisation R. Autengruber, G. Luckeneder, S. Kolnberger, J. Faderl, voestalpine Stahl Linz/A; A.W. Hassel, Johannes Kepler University Linz/A
B 10	Modified reactive elements additions and heat treatment procedures for obtaining higher emission coefficients of alumina surface layers on FeCrAl alloys <u>S.G. Gopalakrishnan</u> , P. Huczowski, L. Niewolak, Forschungszentrum Jülich/D; R. Iskandar, RWTH Aachen University/D; D. Naumenko, Forschungszentrum Jülich/D; J. Mayer, RWTH Aachen University/D; L. Singheiser, W.J. Quadackers, Forschungszentrum Jülich/D
B 11	Conception for thermodynamical modeling of waste systems in thermal treating O. Chizhko, Moscow Environmental Center, Cherkessk/RUS
B 12	COORAL – safety and reliability of CCS using screening corrosion tests <u>S. Simon</u> , D. Bettge, S. Bohraus, A. Kranzmann, BAM - Federal Institute for Materials Research and Testing, Berlin/D
B 13	Preliminary corrosion results from Vattenfall's 30 MW oxyfuel pilot plant A. Hjörnhede, Vattenfall Power Consult, Goteborg/S; <u>M. Montgomery</u> , Vattenfall Heat Nordic, Kgs. Lyngby/DK; M. Bjurman, Vattenfall R+D, Avikarleby/S; P. Henderson, Vattenfall R+D, Stockholm/S; A. Gerhardt, Vattenfall R+D, Berlin/D
B 14	Steam oxidation of X20CrMoV121: comparison of laboratory exposures and in situ exposure in power plants <u>M. Montgomery</u> , Vattenfall Heat Nordic, Odense/DK and Technical University of Denmark, Kgs. Lyngby/DK; A.N. Hansson, DONG Energy, Copenhagen/DK; T. Vilhelmsen, Vattenfall Heat Nordic, Odense/DK; S.A. Jensen, DONG Energy, Copenhagen/DK
B 15	Steam corrosion studies of Fe-Al based alloys D. Vogel, M. Palm, <u>F.U. Renner</u> , MPI für Eisenforschung GmbH, Düsseldorf/D
B 16 LMP	Effect of testing parameters on the lifetime of EB-PVD thermal barrier coatings with conventional and Zr-modified MCrAlY bondcoats D. Naumenko, M. Subanovic, <u>P. Song</u> , R. Vassen, L. Singheiser, W.J. Quadackers, Forschungszentrum Jülich GmbH/D

Nuclear Corrosion (WP 4)

C 1	Corrosion of stainless steels in nitric acid service: corrosion degradation issues and control measures <u>V. Kain</u> , K. Chandra, M.K. Kumar, Bhabha Atomic Research Centre, Mumbai/IND; S. Rhode, R. Gupta, PEC University of Technology, Chandigarh/IND
C 2	Hydrogenation of cladding tube in Zirconium alloy and effect on creep behaviour <u>D. Poquillon</u> , Université de Toulouse/F; P. Rublon, Université de Toulouse/F and AREVA-NP, Lyon/F; J.-M. Cloué, AREVA-NP, Lyon/F
C 3	Impact of water chemistry operations on the deposit of corrosion products in the fuel assemblies at Paks Nuclear Power Plant Á. Doma, Nuclear Power Point Paks/H
C 4	Heat transfer corrosion of stainless steel in nitric acid <u>B. Corder</u> , N. Stevens, University of Manchester/UK
C 5 LMP	In-situ electrochemical characterization of zirconium alloys corrosion in high temperature power cycle environment J. Macák, <u>P. Sajdl</u> , ICT Prague, Prague/CZ; R. Novotný, JRC Petten, Petten/NL; V. Rencuková, ICT Prague, Prague/CZ; V. Vrtílková, UJP, Prague/CZ

Environment Sensitive Fracture (WP 5)

D 1	Stress-corrosion damages of steels and welded joints of gas-main pipelines K.M. Dzioev, Stroygazkonsulting Ltd, Moscow/RUS; K.D. Basiev, North Caucasian Institute of Mining and Metallurgy, Vladikavkaz/RUS; S.K. Dzioev, SpetsRemGazdiagnostika Ltd, Moscow/RUS
D 2	Stress corrosion cracking detection of sensitized stainless steel 304 in chloride media by using electrochemical impedance spectroscopy (EIS) B. Adib, Islamic Azad University, North Tehran Branch/IR; J. Neshati, Research Institute of Petroleum Industry, Tehran/IR; A. Sardashti, Islamic Azad University, North Tehran Branch/IR
D 3	Long-range surface forces in liquid environment-induced cracking F.A. Kulikov-Kostyushko, Lomonosov Moscow State University/RUS; A.I. Malkin, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
D 4	Hydrosulphuric and hydrogen cracking of steel structures V.M. Kushnarenko, Y.A. Chirkov, Orenburg State University/RUS
D 5	Modelling of stress corrosion crack growth in duplex stainless steels during CLT experiments performed in hydrogen sulfide – chloride environments at 120 and 80°C B. Eremias, V. Cihal, E. Kalabisova, SVUOM Ltd., Prague/CZ
D 6	Operating experience of gas pipelines from pipes of the various assortment in the conditions of stress corrosion cracking A.S. Kuzbozhev, Gazprom VNIIGAZ - Severnipegaz Ltd., Ukhta/RUS; V.O. Solovey, Gazprom Transgas Ukhta LLC/RUS; I.V. Rayhovskiy, Gazprom VNIIGAZ LLC, Moscow/RUS; Yu.V. Aleksandrov, Gazprom Transgas Ukhta LLC/RUS
D 7	Effects of electrolyte composition and potential on near-neutral pH stress corrosion crack propagation R.I. Bogdanov, V.E. Ignatenko, A.I. Marshakov, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
D 8	The necessity of Stress Corrosion Cracking (SCC) prognosis on gas mains to reduce the breakdown rate and overhaul expenses E.A. Spiridovich, V.N. Lisin, OAO Giprogazcenter, Nizhny Novgorod/RUS
D 9	Hydrogen diffusion and trapping in austenitic stainless steels studied with thermal desorption spectroscopy O. Todoshchenko, Y. Yagodzinskiy, H. Hänninen, Aalto University School of Science and Technology, Espoo/FIN
D 10	Influence of environmental factors on the susceptibility to stress corrosion cracking of high-strength Al-Zn-Mg alloys H. Jawan, University of Al-Mergeb, Alkhoms/LAR

Corrosion Mechanisms & Methods (WP 6 & 8)

E 1	Oxidation induced tin whisker growth on the surface of rare earth containing solders T.H. Chuang, C.C. Jain, National Taiwan University, Taipei/RC
E 2	Low-cycle corrosion fatigue of stainless steel 316L Y. Unigovski, E. Gutman, Y. Shubov, Ben-Gurion University of the Negev, Beer-Sheva/IL; G. Lothongkum, Chulalongkorn University, Bangkok/THA
E 3	Effect of pH on the electrochemical behaviour of CoCrMo biomedical alloy in phosphate buffered solutions C. Valero Vidal, A. Igual Muñoz, Universidad Politécnica de Valencia/E
E 4	Influence of Ca ions and temperature on the corrosion behavior of WC-Co hardmetals in alkaline solutions F. Kellner, S. Virtanen, Universität Erlangen-Nürnberg, Erlangen/D
E 5	Influence of thermal conditions on local activation of iron in hydrocarbonate-halide media S. Kaluzhina, Voronezh State University/RUS; N. Nafikova, Voronezh State Technological Academy/RUS; T. Vlasova, Voronezh State University/RUS
E 6	Correlation between a scale of one to ten for corrosion resistant metallic packing materials and classification of canned food ranking in terms of its corrosion activity V.A. Shavirin, N.S. Tovstokora, A.Sh. Chavchanidze, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS; N.Yu. Timofeeva, Moscow State University of Food Industry/RUS; A.Yu. Bazarkin, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS
E 7	Quick electrochemical corrosion test for metallic cans and a test operation board V.A. Shavirin, O.I. Kvasenkov, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS; A.Sh. Chavchanidze, N.Yu. Timofeeva, Moscow State University of Food Industry/RUS; A.Yu. Bazarkin, Sh.A. Chavchanidze, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS

E 8	Study of the behaviour of different dental alloys in case of exposure to high and very high potentials P. De March, Faculty of Dentistry of Nancy/F and Institut Jean Lamour (UMR CNRS 7198), Vandoeuvre-lès-Nancy/F; P. Berthod, University Henri Poincaré Nancy 1, Vandoeuvre-les-Nancy/F; M. Helfer, Faculty of Dentistry of Nancy/F and École Nationale Supérieure des Industries Chimiques, Nancy/F
E 9	Influence of the chemical composition of nickel & chromium – based dental alloys on their corrosion behaviour in an artificial saliva L. Kedinger, L. Janiaut, University Henri Poincaré Nancy 1, Vandoeuvre-les-Nancy/F; A.S. Corroy, L. Clément, Faculty of Dentistry, Nancy/F; P. De March, Faculty of Dentistry, Nancy/F and Institut Jean Lamour (UMR CNRS 7198), Vandoeuvre-les-Nancy/F; P. Berthod, University Henri Poincaré Nancy 1, Vandoeuvre-les-Nancy/F
E 10	Dealloying of Ag,Au-alloys in acidic nitrate electrolyte at the anodic potentiodynamic polarization O.A. Kozaderov, O.V. Evteeva, A.V. Vvedenskii, Voronezh State University/RUS
E 11	Corrosion studies on piping steels exposed to CO₂ and artificial brines O. Yevtushenko, R. Bäßler, BAM - Federal Institute for Materials Research and Testing, Berlin/D
E 12	Investigations of electrochemical processes on metal surfaces beneath organic coatings Y. Xu, J.M. Sykes, University of Oxford/UK
E 13	Modification of localized corrosion resistance of AA 7075 aluminium alloy by molybdenum implantation C.M. Abreu, M.J. Cristóbal, R. Figueroa, G. Pena, University of Vigo/E
E 14	Effect of cryogenic treatment on the AA 2017-t4 alloy M. Cabeza, I. Feijoo, P. Merino, R. Novoa, University of Vigo/E; S. Trillo, Technology Centre AIMEN, Porriño/E
E 15	Coulometry at controlled potential for evaluation of corrosion kinetics A.E. Kuzmak, A.V. Kozheurov, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
E 16	The effect of electron structure of metals on the rate of electrochemical corrosion and the choice of corrosion resistant iron-based surface solid solutions A.Sh. Chavchanidze, Yu.I. Galushkina, N.Yu. Timofeeva, Moscow State University of Food Industry/RUS; A.Yu. Bazarkin, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS
E 17	Electrochemical noise of SCC in austenitic stainless steels: a combined macro- and micro-electrochemical approach M. Breimesser, S. Ritter, H.P. Seifert, Paul Scherrer Institute, Villigen/CH; T. Suter, EMPA, Dübendorf/CH; S. Virtanen, Universität Erlangen-Nürnberg, Erlangen/D
E 18	On the initial stage of galvanodynamic voltametry polarization (GVP) of pure Al-foil in 3N HCl J.C. Lin, G.H. Zeng, T.P. Teng, C.H. Chang, National Central University, Jhongli/RC
E 19	Wear of metals of the cathode during electrolytic hydrogen-enrichment G.I. Suranov, Ukhta State Technical University/RUS
E 20	About the nature of anode processes at the initial stage of copper corrosion in solutions of haloids V.P. Razigraev, M.V. Lebedeva, V.A. Golovin, S.A. Dobriyan, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
E 21	Effect of hydrogen and anodic dissolution on the promotion of stress corrosion cracking in pipeline steel J.X. Li, B.W. Pan, Y.J. Su, L.J. Qiao, University of Science and Technology, Beijing/PRC
E 22	Nitrogen implantation on aluminium alloys: effect on the electrochemical properties C.M. Abreu, M.J. Cristóbal, R. Figueroa, G. Pena, University of Vigo/E
E 23	Assessing the residual lifetime of district heating network L. Mathiesen, Municipality Kalundborg/DK; A. Andersen, S. Klinggaard, L. Rischel Hilbert, FORCE Technology, Brøndby/DK
E 24	Nickel influence to the stress corrosion and stacking fault energy on manganese-chromium stainless steels V. Cihal, SVUOM Ltd., Prague/CZ; M. Blahetova, VSB-TU Ostrava/CZ; E. Kalabisova, SVUOM Ltd., Prague/CZ; S. Lasek, VSB-TU Ostrava/CZ; L. Turek, SVUOM Ltd., Prague/CZ
E 25	Aluminum anodic behavior at neutral electrolytes with inorganic and organic additives S. Kaluzhina, T. Borisenkova, Voronezh State University/RUS
E 26	The Negative Difference-Effect in the anodic oxidation of zinc in sodium hydroxide solution I.V. Protasova, A.S. Gorlov, L.A. Aleshina, A.V. Vvedenskii, Voronezh State University/RUS
E 27	The passive behavior of magnesium alloys containing rare-earth elements in alkaline media R. Pinto, M.G.S. Ferreira, Instituto Superior Técnico, Lisbon/P; M.J. Carmezim, Instituto Politecnico de Setúbal/P; M.F. Montemor, Instituto Superior Técnico, Lisbon/P

E 28	Interference of in common proceeding electrode processes at dissolution low-carbon steels in the acidified solutions containing nitrate ions I.D. Zartsyn, D.O. Fedjanin, Voronezh State University/RUS
E 29	Corrosion characterisation of various stainless steels exposed to elevated fluoride solutions J. van der Merwe, Z. Halifa, University of the Witwatersrand, Johannesburg/ZA
E 30	Effect of laser-remelting and ageing treatment on the electrochemical behaviour of a low nickel maraging steel M. Cabeza, University of Vigo/E; G. Castro, Technology Centre AIMEN, Porriño/E; P. Merino, G. Pena, M. Román, R. Figueroa, University of Vigo/E; P. Vázquez, Technology Centre AIMEN, Vigo/E
E 31	Electrochemical testing of inhibition efficiency some types of anticorrosive pigments for pitting corrosion of carbon steel at ambient temperature B. Eremias, H. Geiplova, J. Benesova, SVUOM Ltd., Prague/CZ
E 32	Electrochemical noise of AA 2024 in solutions promoting IGC J.M. Sanchez-Amaya, Titania, Ensayos y Proyectos Industriales S.L., Cádiz/E; L. González-Rovira, K. El Amrani, M.R. Amaya-Vazquez, F.J. Botana, University of Cadiz, Puerto Real/E
E 33	The method and practice of corrosion inhibitors true solutions and emulsions integral toxicity estimation V.I. Vigdorovich, S.V. Romanenko, M.V. Vigdorovich, Tambov State Technical University/RUS
E 34	Duplex Steel S 32304 – a low cost and corrosion-resistant alternative to molybdenum containing austenite R. Bäßler, M. Weltschev, K. Weidauer, BAM - Federal Institute for Materials Research and Testing, Berlin/D
E 35	Determination of the corrosion current density in low conductivity media: the use of microelectrodes to minimize the ohmic drop in Diesel oil P.C.A. de Oliveira, R. Bertazzoli, State University of Campinas, São Paulo/BR
E 36	Corrosion studies in low conductivity media: carbon steel in ethanol media Z. Panossian, C.A.L. Santos, G.S. Pimenta, Institute for Technological Research, São Paulo/BR
E 37	Effect of plastic deformation on surface reactivity of 316L stainless steel Y. Boudinar, Université de Skikda/DZ; M. Touzet, O. Devos, M. Puiggali, Université Bordeaux 1/F
E 38	Influence of chemical removal of oxide films, formed by exposure of high-alloy steel to air at high temperatures, on their pitting liability I. Budic, University of Osijek, Slavonski Brod/HR; V. Alar, University of Zagreb/HR; I. Esih, Croatian Society for Materials Protection, Zagreb/HR
E 39 LMP	An investigation on corrosion behaviors of two types of commercial stainless steels after plastic deformation E. Jafari, Islamic Azad University, Shiraz/IR
E 40 LMP	Effect of ternary element addition on the corrosion behaviour of NiTi shape memory alloys E. Kassab, L. Neelakantan, M. Frotscher, Ruhr-University Bochum/D; J. Ponciano Gomes, Federal University of Rio de Janeiro/BR; G. Eggeler, Ruhr-University Bochum/D
E 41 LMP	Passivation of magnesium at elevated potentials J. Porto Borba, G. Knörnschild, UFRGS, Porto Alegre/BR
E 42 LMP	Preparation and physicochemical characterization of natural phosphate and kaolin coatings in Stainless steel A. Chtaini, R. Najih, H. Oulfagrtr, Universite Sultan Moulay Slimane, Beni Mellal/MA

Corrosion Education and Computer Applications (WP 7)

F 1	Training corrosion engineers in oil and gas profile higher educational establishment D.E. Bugay, Ufa State Petroleum Technological University/RUS
F 2	Estimation of steel structure corrosion risk level in calculations according to limiting states V. Korolov, Y. Vysotsky, A. Gibalenko, P. Korolov, OJSC V.Shimanovsky UkrRDISTeelconstruction, Donetsk/UA
F 3	Neural network approach to pipeline SCC and external corrosion integrity assessment S. Mashurov, A. Mirzoev, A. Mirzoev, M. Ivashchenko, Aerospace Monitoring and Technologies, Moscow/RUS; T. Esiev, I. Ryakhovskikh, GAZPROM VNIIGAZ, Moscow/RUS

Marine Corrosion (WP 9)

G 1	Study of 5083 aluminum alloy for shipbuilding industry after contamination, surface preparation and organic coating application M.J. Marques, C. Brites, I.N. Alves, R.P. Gonçalves, T.C. Diamantino, Laboratório Nacional de Energia e Geologia, Lisbon/P
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G 2	Critical pitting temperature of the Co_{1.5}CrFeNi_{1.5}Ti_{0.5}Mo_{0.1} high entropy alloy by chloride ion and its inhibiting effect by nitrate ion Y. Chou, National Tsing Hua University, Hsinchu/RC; J. Yeh, Chinese Culture University, Taipei/RC; H. Shih, National Tsing Hua University, Hsinchu/RC and Chinese Culture University, Taipei/RC
G 3	Electrochemical characteristics on intergranular and pitting corrosion in welding for austenitic stainless steel S.J. Kim, I.Y. Bae, M.S. Han, S.K. Jang, S.J. Lee, J.C. Park, Mokpo Maritime University/ROK
G 4	Estimation of the seawater biocorrosiveness U.V. Kharchenko, Institute of Chemistry FEB (RAS), Vladivostok/RUS; I.A. Beleneva, A.V. Zhirmunsky Institute of Marine Biology FEB (RAS), Vladivostok/RUS; V.A. Karpov, A.N. Severtzov Institute of Ecology and Evolution (RAS), Moscow/RUS
G 5 LMP	Influence of environmental factors on the susceptibility to stress corrosion cracking of high-strength Al-Zn-Mg alloys H. Jawan, University of Elmegib, Alkhoms/LAR

Microbial Corrosion (WP 10)

H 1	Characterization of microbial attachment on metal surfaces by scanning Kelvin Probe and epifluorescence microscopy A. Heyer, M2i - Materials innovation institute, Delft/NL; F. D'Souza, G. Ferrari, TNO Science and Industry, Den Helder/NL; J.M.C. Mol, J.H.W. de Wit, Delft University of Technology/NL
H 2	A study on the role of inhibitors in protecting against biocorrosion in the water transfer at copper mines S. Motamedi, R. Marandi, Islamic Azad University, Tehran/IR
H 3	Corrosion-active microflora of water technological environments of the atomic power station J.L. Kovalchuk, G.V. Zhdanova, A.N. Severtzov Institute of Ecology and Evolution (RAS), Moscow/RUS
H 4 LMP	Biocorrosion of P235GH steel in column experiments simulating geological conditions of high-level radioactive waste disposal H. El Hajj, A. Abdelouas, B. Grambow, École des Mines de Nantes/F
H 5 LMP	Use of sodium hypochlorite and xanthan as strategy for control of biocorrosion in static system M. Andrade Lima, S. Oliveira, P. Silva, D. Lima, Universidade Federal de Pernambuco, Recife/BR; F. França, Universidade Federal do Rio de Janeiro/BR; S. Urtiga, de Pernambuco, Recife/BR

Corrosion of Steel in Concrete (WP 11)

I 1	Corrosion damages of centrifuged reinforced concrete elements in the electric transformer stations I. Pepenar, Research Centre-CERTINCON, Bucharest/RO
I 2	Theory and practice of steel reinforcement preservation in concrete structures V. Stepanova, Scientific R&D Institute for Concrete and Reinforced Concrete, Moscow/RUS
I 3	Concrete with improved corrosion stability N.K. Rosenthal, G.V. Tchechniy, G.V. Liubarskaya, Scientific R&D Institute for Concrete and Reinforced Concrete, Moscow/RUS
I 4	Proposal of a new indicator to define ductility applied to corroded steel reinforcement on concrete structures E. Moreno, A. Cobo, M.F. Canovas, University of Madrid/E
I 5	Despassivation determination of reinforcing steel rods in pore concrete solution in sea-water using the techniques of linear polarization resistance, galvanostatic pulse and EIS D. Pena, H. Estupiñán, C. Vásquez, Universidad Industrial de Santander, Bucaramanga/CO; E. Mejia, Armada Nacional de Colombia ARC, Bahía Málaga/CO

Corrosion in Oil & Gas Production (WP 13)

J 1	In situ optical microscopy employed at corrosion study of carbon steel 1040 in sulfide medium A.M. Zimer, E.C. Rios, P.C.D Mendes, E.C. Pereira, L.H. Mascaro, Federal University of São Carlos/BR
J 2	Role of surface finish on fatigue failure of 316L stainless steel coil tube A. Abdurrahim, F. Elshawesh, H. Nahfud, Libyan Petroleum Institute, Tripoli/LAR
J 3	The development of fatigue defect in pipeline transportation system under corrosion environment exposure and residual stress conditions M.D. Getmansky, Yu.V. Zhitnikov, Co Ltd Intercor Rus, Moscow/RUS
J 4	Under-deposit corrosion failure of a compressor after stage cooler at an NGL plant – a case study S.A. Al Dossary, Saudi Arabian Oil Company (ARAMCO), Dhahran/SAR; A.K. Debbert, M.A. Al Mubayidh, Saudi Arabian Oil Company (ARAMCO), Abqaiq/SAR

J 5	Kinetics and thermodynamics of asphaltene adsorption onto rusted metal surface J.O. Safieva, N.M. Emanuel Institute of Biochemical Physics (RAS), Moscow/RUS; Y.S. Shevcova, R.Z. Syunyaev, Gubkin Russian State University of Oil and Gas, Moscow/RUS
J 6	An investigation on corrosion failure of cemented carbides of the type (WC, M) M = Ni or Co in some water-glycol hydraulic fluids for subsea applications L. Zheng, A. Neville, University of Leeds/UK
J 7	Internal corrosion of pipelines and the gas preparation equipment of JV Vietsovpetro A.L. Bushkovskiy, L.C. Thuy, A.N. Ivanov, T.N. Gallyamov, JV Vietsovpetro, Vung Tau/VN
J 8	Effect of age hardening on the crevice corrosion resistance of Ni-Cr-Mo alloys N.S. Zadorozne, C.M. Giordano, M.A. Rodríguez, R.M. Carranza, Comisión Nacional de Energía Atómica, Buenos Aires/RA; N.S. Meck, Haynes International, Kokomo, IN/USA; R.B. Rebak, GE Global Research, Schenectady, NY/USA
J 9	Fatigue failure of 316 stainless steel welded pipes K. Abouswa, H. Mahfud, Libyan Petroleum Institute, Tripoli/LAR
J 10	Resistance of low-carbon pipeline steels to corrosion and corrosion-mechanical destruction in aggressive media of oil and gas fields Ye.S. Ivanov, M.L. Brodsky, Russia Scientific and Research Institute of Corrosion, Moscow/RUS; A.V. Timonin, Institute of Pipeline Industry, Xian/PRC
J 11	Corrosion monitoring system and oil field pipelines – database software A.T. Faritov, A.G. Gumerov, L.P. Hudyakova, State Company Institute for Power Resources Transportation, Ufa/RUS
J 12 LMP	Material behavior in extreme conditions: details of the experimental tests C. Colombo, Politecnico di Milano/I; P. Fassina, ENI, Milano/I; A. Sciuccati, L. Vergani, Politecnico di Milano/I
J 13 LMP	Weld overlay solutions to solve corrosion issue in existing distillation column C. Narjoz, AQUILEX Welding Services B.V., Hellevoetsluis/NL; M. Lara-Camacho, INEOS Manufacturing SAS, Lavera/F
J 14 LMP	Investigating the factors affect on the corrosion of the two types of commercial stainless steel the 304 stainless steel sink E. Jafari, Islamic Azad University, Shiraz/IR

Coatings (WP 14)

K 1	Role of the conformational rearrangements of polypyrrole in the corrosion protection of Al alloys M. Rizzi, M. Trueba, S.P. Trasatti, Università degli Studi di Milano/I
K 2	Corrosion inhibition of pure zinc by new multilayer coating A. Pruna, Fiat Research Centre, Turin/I; V. Branzoi, University Politehnica Bucharest/RO; F. Branzoi, Institute of Physical Chemistry, Bucharest/RO
K 3	The combined method of protection of internal surface of steel tanks Yu.I. Kuznetsov, N.N. Andreev, D.B. Vershok, S.V. Oleynik, A.V. Sergeev, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
K 4	The modes of improving of the protective and decorative properties of magnetite coatings on steel D.B. Vershok, Yu.I. Kuznetsov, D.S. Bulgakov, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
K 5	A comparison between the electrochemical behaviors of some HVOF-sprayed WC-based coatings M.R. Saghi Beyragh, Sahand University of Technology, Tabriz/IR; Sh. Khameneh Asl, University of Tabriz/IR; S. Norouzi, Material and Energy Research Center, Tehran/IR; R. Vaspour, Sharif University of Technology, Tehran/IR
K 6	The effect of the heat treatment on electrochemical behaviors of some HVOF-sprayed WC-based coatings M.R. Saghi Beyragh, Sahand University of Technology, Tabriz/IR; Sh. Khameneh Asl, University of Tabriz/IR; S. Norouzi, Material and Energy Research Center, Tehran/IR; R. Vaspour, Sharif University of Technology, Tehran/IR
K 7	Corrosion properties of electroless nickel composite coatings by various particles A. Farzaneh, Shahid Bahonar University of Kerman/IR; M. Mohammadi, Sharif University of Technology, Tehran/IR; S. Velashjerdi Farahani, Razi Metallurgical Research Center, Tehran/IR
K 8	Oxidation of lithium-containing aluminium alloy in chromateless conversion solutions Y.M. Zimina, S.V. Oleynik, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
K 9	Corrosion resistance of plasma sprayed Al₂O₃ with and without Ni-5% Al bond layer on stainless steel substrates M. Shoeib, Central Metallurgical Research & Development Institute, Cairo/ET

K 10	A novel method to fabricate nano structured Ni-P composite coatings containing nano scattered Al₂O₃ M. Shoeib, Central Metallurgical Research & Development Institute, Cairo/ET; Y. Barakat, Tabbin Institute for Metallurgical Studies, Cairo/ET; M. Hegazy, G. Elmahdy, S. Abd-El Latif, Helwan University, Cairo/ET
K 11	Paint and coatings of new generation for anticorrosion protection of metals I.D. Kuleshova, A.V. Sorokin, ZAO NPP Spectechnoprocess, Moscow/RUS
K 12	How intelligent software business solutions can improve industrial painting practices, enable real time data management and reduce operating cost A.E.M. Salah Eldin, Abu Dhabi Marine Operating Company/UAE
K 13	Corrosion behaviour of AZ31 Alloy with Al/SiCp thermal spray coatings in saline and environment exposure R. Arrabal, A. Pardo, M.C. Merino, M. Mohedano, P. Casajús, Universidad Complutense de Madrid/E; S. Merino, Universidad Alfonso X el Sabio, Madrid/E
K 14	Functional surfaces using fluid filled nano-capsules in metallic matrix C.B. dos Santos, University of Stuttgart/D and Fraunhofer IPA, Stuttgart/D; C. Mayer, University of Duisburg-Essen/D
K 15	Hardfacing of stellite 6 on martensitic stainless steel and evaluation of microstructure and corrosion behavior M. Ahmadpour Samani, Isfahan University of Technology, Tehran/IR; M. Shamanian, A. Saatchi, Isfahan University of Technology/IR; N. Najari, Isfahan University of Technology, Tehran/IR
K 16	Technology of creation of corrosion resistant nanostructured coatings on metallic surface A.Sh. Chavchanidze, N.Yu. Timofeeva, Moscow State University of Food Industry/RUS; A.Yu. Bazarkin, Russian Research Institute of Canning and Vegetable Drying Industry, Moscow/RUS
K 17	The influence of Cr(III)-based conversion layers on the corrosion resistance of Zn and nano-composite Zn in chloride containing solutions D. Koleva, Delft University of Technology/NL; N. Boshkov, N. Tsvetkova, Bulgarian Academy of Sciences, IPC, Sofia/BG; K. van Breugel, J.H.W. de Wit, Delft University of Technology/NL; J.M.C. Mol, Delft University of Technology, Delft/NL
K 18	Specific features of the chemical composition and properties of amorphous (nanocrystalline) protective coatings electroplated from solutions based on Cr(III), Ni(II), Co(II) and Fe(II) V. Safonov, L.N. Vykhodtseva, L.A. Fishgoit, Moscow State University/RUS; O.V. Safonova, P. Glatzel, European Synchrotron Radiation Facility, Grenoble/F
K 19	Corrosion of as-sputtered and annealed Al-Sc thin films in 5 wt.% NaCl solution J.C. Lin, H.L. Liao, C.A. Tseng, J.J. Shen, National Central University, Jhongli/RC
K 20	New water based coating system for holding & storage tanks M. Kharsan, A. Green, Cortec Corporation, White Bear Lake, MN/USA
K 21	ORMOSIL coatings containing loaded TiO₂ nanocontainers for protection of AA 2024-T3 against corrosion A.C. Balaskas, I.A. Kartsonakis, G. Kordas, NCSR Demokritos, Aghia Paraskevi/GR
K 22	ORMOSIL coatings containing loaded nanocontainers for corrosion protection of aluminium alloy 2024-T3 I.A. Kartsonakis, A.C. Balaskas, E.D. Mekeridis, G.C. Kordas, NCSR Demokritos, Aghia Paraskevi/GR
K 23	Effect of guanilthiourea on deposition of the protective Ni-P coatings O. Dolgikh, N. Sotskaya, L. Sapronova, D. Vu Thi, I. Zartsyn, Voronezh State University/RUS
K 24	Sol-Gel coatings containing TiO₂ nanoreservoirs loaded with inhibitors for corrosion protection of AA 2024-T3 E. Mekeridis, G.C. Kordas, NCSR Demokritos, Aghia Paraskevi/GR
K 25	Research on corrosion resistance of electroless plating Ni-W-P coating Y.B. Huang, Y.H. Lu, G.W. Song, Z.F. Meng, Academy of Armored Forces Engineering, Beijing/PRC
K 26	Effect of the parameters of low-temperature glow-discharge assisted nitriding on the properties of sintered austenitic steel A. Brojanowska, J. Kaminski, J. Trojanowski, T. Wierzchon, Warsaw University of Technology/PL
K 27	Aluminium coatings for corrosion protection applications S. Zein El Abedin, Clausthal University of Technology, Clausthal-Zellerfeld/D
K 28	Determination of the anticorrosion paints suitable for the maintenance of district heating pipes T. Goto, Y. Gourbeyre, E. Gaudichet, Veolia Environnement, Maisons Laffitte/F; B. Guillemot, Dalkia, La Défence/F
K 29	Liquid-Phase siliconizing method for prepare silicido-aluminide protective layers resistant to high temperature oxidation T. Kubatik, M. Jáglová, E. Kalabisová, V. Cihal, SVUOM Ltd., Prague/CZ
K 30	Influence of CeAlO₃ nano-powder addition on the performances of silane coatings for AZ31 alloy corrosion protection F. Zucchi, V. Grassi, F. Zanotto, A. Frignani, University of Ferrara/I

K 31	Effect of titanium dioxide on corrosion properties of HA-TiO₂ nanocomposite coating fabricated by electrophoretic method M. Amirnejad, M. Mohammadi, Sharif University of Technology, Tehran/IR; <u>A. Farzaneh</u> , Shahid Bahonar University of Kerman/IR; S. Velashjerdi Farahani, Razi Metallurgical Research Center, Tehran/IR
K 32	Preparation and characterization of amorphous Phosphate coatings <u>L.B. Fachikov</u> , Y.G. Tumbaleva, D.I. Ivanova, University of Chemical Technology and Metallurgy, Sofia/BG
K 33	Corrosion behaviour of detonation gun sprayed Fe-Al type intermetallic coatings C. Senderowski, Z. Bojar, Military University of Technology, Warsaw/PL
K 34	Study on the technique and properties of electroless plating of Ni-Cu-P coating J. Ba, Y.B. Huang, D.G. Liu, Academy of Armored Forces Engineering, Beijing/PRC
K 35	Engineering application of various electroless plating coating in vehicle parts remanufacturing D.L. Zhou, Y. Guo, Y.B. Huang, K.K. Xu, Academy of Armored Forces Engineering, Beijing/PRC
K 36	Synthesis of zirconia nano tubes by electrochemical anodisation of sputtered zirconium thin films <u>E. Vacandio</u> , M. Eyraud, C. Chassigneux, T. Djenizian, University of Provence, Marseille/F
K 37	1-Ethyl-3-methylimidazolium dicyanamid modified polypyrrole coating <u>T. Tüken</u> , M. Erbil, Çukurova University, Adana/TR
K 38	Electrochemistry, morphology and degradability of polypyrrole on copper M. Erbil, T. Tüken, Çukurova University, Adana/TR
K 39	Heat treatment of nanostructured ZrO₂ corrosion barrier coatings on 316L stainless steel <u>F. Samiee</u> , K. Raeissi, M.A. Golozar, Isfahan University of Technology/IR
K 40	Zinc electrodeposition in the presence of oxalic acid from sulphate bath <u>S. Khorsand</u> , K. Raeissi, M.A. Golozar, Isfahan University of Technology/IR
K 41 LMP	A polypyrrole/Al flake composite pigment for corrosion inhibition <u>C. Vetter</u> , V. Gelling, North Dakota State University, Fargo/USA
K 42 LMP	Comparative corrosion study of a new type of Ni-free“ alloy for decorative applications“ <u>S. Caporali</u> , U. Bardi, University of Florence, Sesto Fiorentino/I
K 43 LMP	Corrosion behaviour of plasma sprayed WC-Co/Al₂O₃ coatings in 3.5% NaCl solution <u>K. Hassan</u> , A.M. El-Aziz, Y. Fouad, German University, New Cairo/ET; M. el-Meniawy, Zagazig University/ET
K 44 LMP	Study on the antifouling ability of a silicone-based coating with microhydrogel surface <u>C. Lin</u> , J. Zhang, L. Wang, J. Zheng, Y. Peng, State Key Laboratory for Marine Corrosion and Protection, Qingdao/PRC
K 45 LMP	A comparative study of the corrosion protective properties of Cr(VI) free conversion treatments <u>C.R. Tomachuk</u> , IPEN-CCTM, São Paulo/BR; A.R. Di Sarli, C.I. Elsner, CIDEPINT, Buenos Aires/RA; I. Costa, IPEN-CCTM, São Paulo/BR
K 46 LMP	Corrosion behavior of electrostatic-sprayed polypropylene protective powder coatings for pipeline <u>G. Palumbo</u> , University of Naples/I and University of Manchester/UK; P. Russo, University of Naples/I; S. Lyon, University of Manchester/UK; D. Acierno, University of Naples/I
K 47 LMP	Corrosion resistance of multilayer Ni-base coatings on AZ31 Mg alloy <u>M. Tafazoly</u> , M. Monirvaghefi, M. Salehi, A. Saatchi, F. Tabatabaie, Isfahan University of Technology/IR
K 48 LMP	Evaluation of black color coated steel with the variation of wax contents using EIS Method <u>M.H. Jung</u> , POSCO, Gwangyang/ROK

Corrosion in the Refinery Industry (WP 15)

L 1	Influence of temperature on the corrosion of ferrous alloys due to naphthenic acids in crude oil L. Georgescu, Gheorghe Baritiu Brasov University, Ploiesti/RO; <u>A.D. Niculae</u> , SC IPIP SA Ploiesti/RO; O. Georgescu, S. C. GEXACOR COM SRL Ploiesti/RO; M. Morosanu, Oil & Gas University, Ploiesti/RO
L 2	Experimental study on the impact of corrosion of the crude oil with different total acid number and the application of inhibitors against naphthenic acids corrosion <u>M.K. Angelova</u> , N.B. Petkova, Y.S. Tasheva, Bourgas University „Prof. Assen Zlatarov“/BG; P.G. Ivanova, Lukoil Neftocim Bourgas/BG
L 3	Issues on corrosion equipment in installations by distribution DAV naphthenic acids from crude oil N.N. Antonescu, <u>M. Morosanu</u> , Oil & Gas University of Ploiesti/RO; A.J. Makki Majeed Habeeb, Black Sea Co., Ploiesti/RO; M.G. Petrescu, Oil & Gas University of Ploiesti/RO; L. Georgescu, University George Baritiu of Brasov, Ploiesti/RO; O. Georgescu, SC GEXACOR SRL, Ploiesti/RO

L 4	Corrosion problems of modern petroleum refinery V.V. Burlov, A.I. Altsybeeva, T.M. Kuzinova, Russian Scientific Research Institute of Petrochemical Processes, St. Petersburg/RUS; V.L. Sokolov, PA Kirishinefteorgsyntez PLC, Kirishi/RUS
Cathodic Protection (WP 16)	
M 1	pH variation during laboratory immersion corrosion tests S.E.A. Filho, Z. Pannossian, V.Y. Nagayassu, N.L. de Almeida, L. Lima e Silva, Institute for Technological Research, São Paulo/BR; E.W. Laurino, G.S. Pimenta, PETROBRAS Research Center, São Paulo/BR
Automotive Corrosion (WP 17)	
N 1	Corrosion fatigue properties of joined materials for the automotive industry N. Lautrou, N. LeBozec, D. Thierry, French Corrosion Institute, Brest/F
N 2 LMP	Corrosion behavior of ferrous and non-ferrous metals upon exposure to palm biodiesel M.A. Fazal, S.M.A. Haseeb, H. Masjuki, University of Malaya, Kuala Lumpur/MAL
N 3 LMP	Evaluation of the corrosion and weathering resistance of automotive coatings by EIS technique N. Tahmasebi, Islamic Azad University, Mahshahr/IR
N 4 LMP	Corrosion behavior of metals (Al, Fe, Zn) in alternative fuels using EIS method in two electrode cell Y.K. Song, J.H. Jeong, POSLAB, Gwangyang/ROK; G.W. Lim, H.S. Kim, Hongik University, Chochiwoneup/ROK
Tribocorrosion (WP 18)	
O 1	Erosion of compressor impeller by black powder M. Saremi, M. Kazemi, University of Tehran/IR
Corrosion of Polymer Materials (WP 19)	
P 1	Application of polypyrrole on aluminum alloy 5052 and investigating of its corrosion resistance M. Saremi, T. Tarani, University of Tehran/IR
P 2 LMP	Effect of poly(L-lactide) block on phase structure and degradation of multiblock copolyesters prepared from L-lactide and ε-caprolactone C.S. Huang, Z.J. Ye, J.J. Wang, Z.P. Xie, Xiamen Branch of Luoyang Ship Material Institute/PRC
Corrosion & Corrosion Protection of Drinking Water Systems (WP 20)	
Q 1	Effect of a magnetic device on carbon steel corrosion – preliminary field data E.A. Souza, J.A.C.P. Gomes, Federal University of Rio de Janeiro/BR; D.S. Freitas, National Institute of Technology, Rio de Janeiro/BR
Q 2	Corrosion related problems with UNS S 31803 duplex steel riser pipe in water wells for the Great Man-Made River project – Libya S.E. El Koum, H.B. Boshalla, Great Man-Made River Authority, Benghazi/LAR
Q 3 LMP	Effect of hydrodynamic conditions on copper release in drinking water systems G. Jeria, I.T. Vargas, M.M. Walczak, P.A. Pastén, G.E. Pizarro, Pontificia Universidad Catolica de Chile, Santiago/RCH
Corrosion of Heritage Artefacts (WP 21)	
R 1	Protection of metallic industrial cultural heritage against atmospheric corrosion K. Kreislova, D. Knotkova, T. Kubatik, H. Geiplova, SVUOM Ltd., Prague/CZ
Workshop on Corrosion in Natural Environments	
S 1	Influence of hydrogen absorbed by metal to active mild steel dissolution in near-neutral pH soil electrolyte T.A. Nenasheva, A.I. Marshakov, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry (RAS), Moscow/RUS
S 2	Properties and protective ability of patina layer on long-term exposed weathering steel constructions in the Czech Republic D. Knotkova, T. Kubatik, A. Koukalova, SVUOM Ltd., Prague/CZ; J. Had, P. Sajdl, ICT Prague/CZ
S 3 LMP	Semiconducting behavior of passive film formed on stainless steel in borate buffer solution containing sulfide H.H. Ge, J. Shen, G.D. Zhou, F. Song, L. Zhao, Shanghai University of Electric Power/PRC

S 4 LMP	Characteristics studies of electropolished 316L stainless steel in simulated body fluid for biomedical utilization N. Hassan, Mubarak City for Scientific Research and Technology Applications, Alexandria/ET; N. Abdel Ghany, National Research Center, Cairo/ET
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Workshop: Corrosion and Corrosion Protection in the Aerospace Industry

T 1	Phase composition and corrosion of magnesium alloys G. Morozova, Russian Institute of Aviation Materials, Moscow/RUS
T 2	Investigation of the alloying effect on corrosion resistance of Zn-7Al-3.7Cu solders V.P. Zhylikov, A.D. Zhyrnov, Russian Institute of Aviation Materials, Moscow/RUS
T 3	Influence of laser treatments on the corrosion behaviour of titanium alloys J.M. Sanchez-Amaya, Ensayos y Proyectos Industriales S.L., Cadiz/E; Z. Boukha, M.R. Amaya-Vazquez, L. González-Rovira, F.J. Botana, University of Cadiz, Puerto Real/E
T 4	Investigation of corrosion resistance of D16T alloy non-clad sheets at various distance from a sea (the Black Sea, Chakva settlement) V.V. Semyonychev, A.D. Zhirnov, Russian Institute of Aviation Materials, Moscow/RUS
T 5	Development principles of corrosion-resistant magnesium alloys I. Mukhina, Russian Institute of Aviation Materials, Moscow/RUS

Workshop on Nanotechnologies

U 1	Electrodeposition of nano structured Zn-Ni-Al₂O₃ composite coatings from acidic and alkaline baths M. Shoeib, A. Abdul Azim, H. Soliman, Central Metallurgical Research & Development Institute, Cairo/ET
U 2	Electrochemical corrosion performance of the electrodeposited nanocrystalline Ni-P-Cr films with and without dispersions of Al₂O₃ nanoparticles from trivalent chromium M. Shoeib, Central Metallurgical Research & Development Institute, Cairo/ET; O. Abdel-Salam, A. Yousef, Cairo University/ET
U 3	Nano-hydroxyapatite electroplated titanium alloy implant M. Shoeib, Central Metallurgical Research & Development Institute, Cairo/ET; B. Wielag, S. Steinhäuser, T. Lampke, Chemnitz University of Technology/D
U 4 LMP	Corrosion of bare and surface modified metallic nanoparticles in simulated body fluids M. Halama, Technical University of Kosice/SK; D. Halamova, V. Zelenak, P.J.Safarik University, Kosice/SK; B. Palincar, Technical University of Kosice/SK
U 5 LMP	Characterization of electrophoretically deposited nanocrystalline hydroxyapatite on Titanium for biomedical applications A. Elbasiony, N.A. Abdel Ghany, National Research Centre, Giza/ET